



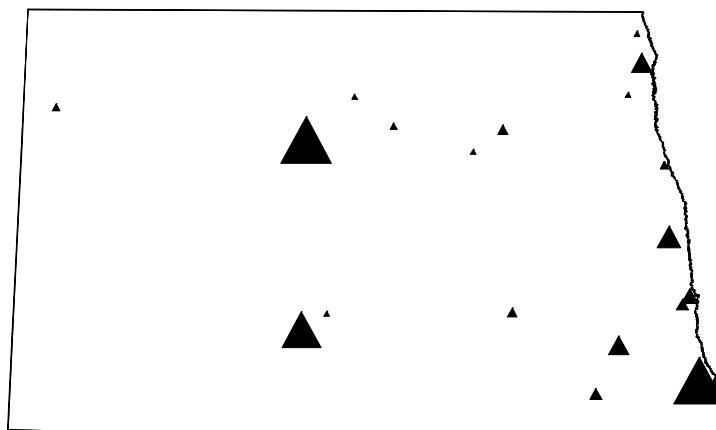
1997 TOXICS RELEASE INVENTORY

NORTH DAKOTA

State/TRI Data

Population	640,965
Square Miles	68,994
Total Facilities	34
Total Forms	89
Form As	20

National Rank for Total On- and Off-site Releases <i>(includes transfers out-of-state for disposal)</i>	
Rank	48
Pounds	2,422,425
National Rank for Total On-site Releases <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i>	
Rank	48
Pounds	2,389,140
National Rank for Total Releases within State <i>(excludes transfers out-of-state for disposal)</i>	
Rank	47
Pounds	2,887,823
National Rank for Production-related Waste Managed	
Rank	50
Pounds	7,793,867



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of North Dakota. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

Reported Releases and Waste Management Activities

	Pounds
On-site Releases	2,389,140
Air Emissions	1,946,963
Surface Water Discharges	439,714
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	2,463
Off-site Releases (Transfers Off-site to Disposal)	33,285
Total On- and Off-site Releases	2,422,425
Recycled On-site	6,574
Recycled Off-site	596,287
Energy Recovery On-site	0
Energy Recovery Off-site	31,171
Treated On-site	4,446,858
Treated Off-site	221,419
Quantity Released On- and Off-site	2,491,558
<i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i>	
Total Production-related Waste Managed	7,793,867
Total Non-production-related Waste Managed	2,600

Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
110-54-3	n-Hexane	754,641	0	0	0	0	0	0	0	0	754,641
7664-41-7	Ammonia	428,265	12,174	0	0	0	750	0	0	0	441,189
	Nitrate compounds	0	427,506	0	0	0	0	135	0	0	427,641
1330-20-7	Xylene (mixed isomers)	168,971	0	0	0	0	0	64	0	4	169,035
	Zinc compounds	0	0	0	0	0	0	113,702	0	0	113,702

*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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NORTH DAKOTA

Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Minn-Dak Farmers Co-Op., Wahpeton, Richland	60,510	429,510	0	0	0	0	490,020	0	0
ADM Processing, Velva, Mc Henry	482,000	0	0	0	0	0	482,000	0	0
Amoco Oil Co., Mandan, Morton	358,118	810	0	0	0	1,713	360,641	144	872
American Crystal Sugar Co., Hillsboro, Traill	192,250	250	0	0	0	0	192,500	0	0
ADM, Enderlin, Ransom	159,000	0	0	0	0	0	159,000	0	0

*The facility ranking is based on the amounts in this column.

Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Minn-Dak Farmers Co-Op., Wahpeton, Richland	0	0	0	0	2,906,739	0	490,020	3,396,759	0
ADM Processing, Velva, Mc Henry	0	0	0	0	0	0	481,780	481,780	0
Amoco Oil Co., Mandan, Morton	5,630	1,691	0	428	1,178,000	257	362,590	1,548,596	2,600
American Crystal Sugar Co., Hillsboro, Traill	0	0	0	0	192,000	0	192,000	384,000	0
ADM, Enderlin, Ransom	0	0	0	0	0	915	160,000	160,915	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

For More Information...

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